(Multiple sheets used when necessary)
SHEET 1 OF 13

		PTO/SB/08 Equivalent
	Application No.	10/633,329
	Filing Date	August 1, 2003
First Named Inventor		Paul V. Goode, Jr.
	Art Unit	3735
	Examiner	Nasser, Robert L.
	Attorney Docket No.	DEXCOM.026A

U.S. PATENT DOCUMENTS	
-----------------------	--

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,454,295	6/12/1984	Wittmann et al.	
	2	4,849,458	7/18/1989	Reed et al.	
	3	4,988,341	1/29/1991	Columbus et al.	
	4	5,108,819	4/28/1992	Heller et al.	
	5	5,160,418	11/1/1992	Mullen, William H.	
	6	5,324,322	6/28/1994	Grill et al.	
	7	5,429,735	7/4/1995	Johnson et al.	
	8	5,462,051	10/31/1995	Oka et al.	
	9	5,518,601	5/21/1996	Foos et al.	
	10	5,584,813	12/17/1996	Livingston et al.	
	11	6,370,941	4/16/2002	Nakamura	
	12	6,702,972	3/9/2004	Markle, David Reed	
	13	7,134,999	11/14/2006	Brauker et al.	
	14	7,276,029	10/2/2007	Goode et al.	
	15	7,417,164	8/26/2008	Suri, Jeff T.	
	16	7,583,990	9/1/2009	Goode, Jr. et al.	
	17	7,591,801	9/22/2009	Brauker et al.	
	18	7,599,726	10/6/2009	Goode, Jr. et al.	
	19	2003-0097082	5/22/2003	Purdy Phillip D. et al.	
	20	2004-0011671	1/22/2004	Shults et al	
	21	2004-0152187	8/5/2004	Haight et al.	
	22	2004-0167801	8/26/2004	Say et al.	
	23	2004-0199059	10/7/2004	Brauker et al.	
	24	2005-0043598	2/24/2005	Goode et al.	
	25	2005-0051440	3/10/2005	Simpson et al.	
	26	2005-0113653	5/26/2005	Fox et al.	
	27	2005-0115832	6/2/2005	Simpson et al.	
	28	2005-0121322	6/9/2005	Say	

Examiner Signatu	atu	ına	io	S	iner	xam	lΕ
------------------	-----	-----	----	---	------	-----	----

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

## INFORMATION DISCLOSURE

(Multiple sheets used when necessary)
SHEET 2 OF 13

	PTO/SB/08 Equivalen
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

U.S. PATENT DOCUMENTS	
-----------------------	--

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	29	2005-0139489	6/30/2005	Oliver et al.	
	30	2005-0143635	6/30/2005	Kamath et al.	
	31	2005-0143675	6/30/2005	Neel et al.	
	32	2005-0154271	7/14/2005	Rasdal et al.	
	33	2005-0187720	8/25/2005	Goode, et al	
	34	2005-0192557	9/1/2005	Brauker et al.	
	35	2005-0203360	9/15/2005	Brauker, et al	
	36	2005-0215872	9/29/2005	Berner et al.	
	37	2005-0239154	10/27/2005	Feldman et al.	
	38	2006-0016700	1/26/2006	Brister et al.	
	39	2006-0019327	1/26/2006	Brister et al.	
	40	2006-0020186	1/26/2006	Brister et al.	
	41	2006-0020187	1/26/2006	Brister et al.	
	42	2006-0020188	1/26/2006	Kamath et al.	
	43	2006-0020189	1/26/2006	Brister et al.	
	44	2006-0020190	1/26/2006	Kamath et al.	
	45	2006-0020191	1/26/2006	Brister et al.	
	46	2006-0020192	1/26/2006	Brister et al.	
	47	2006-0036139	2/16/2006	Brister et al.	
	48	2006-0036140	2/16/2006	Brister et al.	
	49	2006-0036141	2/16/2006	Kamath et al.	
	50	2006-0036142	2/16/2006	Brister et al.	
	51	2006-0036143	2/16/2006	Brister et al.	
	52	2006-0036144	2/16/2006	Brister et al.	
	53	2006-0036145	2/16/2006	Brister et al.	
	54	2006-0040402	2/23/2006	Brauker et al.	
	55	2006-0183984	8/17/2006	Dobbles et al.	
	56	2006-0183985	8/17/2006	Brister et al.	

Examiner Signature
--------------------

Date Considered

(Multiple sheets used when necessary) SHEET 3 OF 13

	PTO/SB/08 Equivalen
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

U.S.	PAIENI	DOCUMENTS	

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	57	2006-0258929	11/16/2006	Goode et al.	
	58	2007-0016381	1/18/2007	Kamath et al.	
	59	2007-0032706	2/8/2007	Kamath et al.	
	60	2007-0066873	3/22/2007	Kamath et al.	
	61	2007-0203410	8/30/2007	Say et al.	
	62	2007-0208244	9/6/2007	Brauker et al.	
	63	2007-0208245	9/6/2007	Brauker et al.	
	64	2007-0208246	9/6/2007	Brauker et al.	
	65	2008-0021666	1/24/2008	Goode et al.	
	66	2008-0183061	7/31/2008	Goode et al.	
	67	2008-0187655	8/7/2008	Markle et al.	
	68	2008-0188722	8/7/2008	Markle et al.	
	69	2008-0188725	8/7/2008	Markle et al.	
	70	2008-0194937	8/14/2008	Goode et al.	
	71	2008-0305009	12/11/2008	Gamsey et al.	
	72	2008-0305506	12/11/2008	Suri, Jeff T.	
	73	2009-0018418	1/15/2009	Markle et al.	
	74	2009-0018426	1/15/2009	Markle et al.	
	75	2009-0061528	3/5/2009	Suri, Jeff T.	
	76	2009-0081803	3/26/2009	Gamsey et al.	
	77	2009-0177143	7/9/2009	Markle et al.	
	78	2009-0182217	7/16/2009	Li et al.	
	79	2009-0192366	7/30/2009	Mensinger et al.	
	80	2009-0192380	7/30/2009	Shariati et al.	
	81	2009-0192722	7/30/2009	Shariati et al.	
	82	2009-0192724	7/30/2009	Brauker et al.	
	83	2009-0192745	7/30/2009	Kamath et al.	
	84	2009-0192751	7/30/2009	Kamath et al.	

Examiner Signature	
--------------------	--

Date Considered

(Multiple sheets used when necessary)
SHEET 4 OF 13

	PTO/SB/08 Equivalent
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

#### U.S. PATENT DOCUMENTS

	C.C. I ATENT DOCUMENTO				
		Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	85	2009-0203981	8/13/2009	Brauker et al.	
	86	2009-0204341	8/13/2009	Brauker et al.	
	87	2009-0216103	8/27/2009	Brister et al.	
	88	2009-0240120	9/24/2009	Mensinger et al.	
	89	2009-0240128	9/24/2009	Mensinger et al.	
	90	2009-0240193	9/24/2009	Mensinger et al.	
	91	2009-0242399	10/1/2009	Kamath et al.	
	92	2009-0242425	10/1/2009	Kamath et al.	
	93	2009-0264719	10/22/2009	Markle et al.	

#### FOREIGN PATENT DOCUMENTS

TOTAL CONTINUE OF COMMENTS						
Examiner Cite No.		Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	94	EP 0 563 795	10/6/1993	Dai Nippon Printing Co., Ltd.		
	95	WO 01/58348	8/16/2001	Minimed Inc.		
	96	WO 05/012873	2/10/2005	Dexcom Inc.		
	97	WO 05/057168	6/23/2005	Dexcom		
	98	WO 05/057175	6/23/2005	Dexcom		

#### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	99	Aalders et al. 1991. Development of a wearable glucose sensor; studies in healthy volunteers and in diabetic patients. The International Journal of Artificial Organs 14(2):102-108	
	100	Abe et al. 1992. Characterization of glucose microsensors for intracellular measurements. Alan. Chem. 64(18):2160-2163	
	101	Abel et al. 1984. Experience with an implantable glucose sensor as a prerequisite of an artifical beta cell, Biomed. Biochim. Acta 43(5):577-584	
	102	Alcock & Turner. 1994. Continuous Analyte Monitoring to Aid Clinical Practice. IEEE Engineering in Med. & Biol. Mag. 13:319-325	

Examiner Signature

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

(Multiple sheets used when necessary) SHEET 5 OF 13

	PTO/SB/08 Equivalent
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	103	American Heritage Dictionary, 4th Edition. 2000. Houghton Mifflin Company, p. 82	
	104	Amin et al. 2003. Hypoglycemia prevalence in prepubertal children with type 1 diabetes on standard insulin regimen: Use of continuous glucose monitoring system. Diabetes Care 26(3):662-667	
	105	Answers.com. "xenogenic." The American Heritage Stedman's Medical Dictionary. Houghton Mifflin Company, 2002. Answers.com 07 Nov. 2006 http://www. Answers.com/topic/xenogenic	
	106	Bailey et al. 2007. Reduction in hemoglobin A1c with real-time continuous glucose monitoring: results from a 12-week observational study. Diabetes Technology & Therapeutics 9(3):203-210	
	107	Bessman et al., Progress toward a glucose sensor for the artificial pancreas, Proceedings of a Workshop on Ion-Selective Microelectrodes, June 4-5, 1973, Boston, MA, 189-197	
	108	Biermann et al. 2008. How would patients behave if they were continually informed of their blood glucose levels? A simulation study using a "virtual" patient. Diab. Thechnol. & Therapeut., 10:178–187.	
	109	Boedeker Plastics, Inc. 2009. Polyethylene Specifications Data Sheet, http://www.boedeker.com/polye_p.htm [8/19/2009 3:36:33 PM]	
	110	Boland et al. 2001. Limitations of conventional methods of self-monitoring of blood glucose. Diabetes Care 24(11):1858-1862	
	111	Brauker et al. 27 June 1996. Local Inflammatory Response Around Diffusion Chambers Containing Xenografts Transplantation 61(12):1671-1677	
	112	Braunwald, 2008. Biomarkers in heart failure. N. Engl. J. Med., 358: 2148-2159.	
	113	Bruckel et al. 1989. In vivo measurement of subcutaneous glucose concentrations with an enzymatic glucose sensor and a wick method. Klin Wochenschr 67:491-495	
	114	Campanella et al. 1993. Biosensor for direct determination of glucose and lactate in undiluted biological fluids. Biosensors & Bioelectronics 8:307-314	
	115	Cassidy et al., April 1993. Novel electrochemical device for the detection of cholesterol or glucose, Analyst, 118:415-418	
	116	Chase et al. 2001. Continuous subcutaneous glucose monitoring in children with type 1 diabetes. Pediatrics 107:222-226	
	117	Choleau et al. 2002. Calibration of a subcutaneous amperometric glucose sensor implanted for 7 days in diabetic patients. Part 1. Effect of measurement uncertainties on the determination of sensor sensitivity and background current. Biosensors and Bioel	
	118	Ciba® Irgacure 2959 Photoinitiator Product Description, Ciba Specialty Chemicals Inc., Basel, Switzerland.	
	119	Claremont et al. 1986. Subcutaneous implantation of a ferrocene-mediated glucose sensor in pigs. Diabetologia 29:817-821	
	120	Claremont et al. July 1986. Potentially-implntable, ferrocene-mediated glucose sensor. J. Biomed. Eng. 8:272-274	

NON PATENT LITERATURE DOCUMENTS

Examiner Signatur	ı	Exa	mi	ner	S	ia	na	tu	r	ě
-------------------	---	-----	----	-----	---	----	----	----	---	---

Date Considered

(Multiple sheets used when necessary) SHEET 6 OF 13

	PTO/SB/08 Equivalent
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	121	Clark et al., 1981. One-minute electrochemical enzymic assay for cholesterol in biological materials, Clin. Chem. 27(12):1978-1982	
	122	Clark et al. 1987. Configurational cyclic voltammetry: increasing the specificity and reliability of implanted electrodes, IEEE/Ninth Annual Conference of the Engineering in Medicine and Biology Society, pp. 0782-0783	
	123	Clark et al. 1988. Long-term stability of electroenzymatic glucose sensors implanted in mice. Trans Am Soc Artif Intern Organs 34:259-265	
	124	CLSI. Performance metrics for continuous interstitial glucose monitoring; approved guideline, CLSI document POCT05-A. Wayne, PA: Clinical and Laboratory Standards Institute: 2008 28(33), 72 pp.	
	125	Colangelo et al. 1967. Corrosion rate measurements in vivo, Journal of Biomedical Materials Research, 1:405-414	
	126	Colowick et al. 1976. Methods in Enzymlology, Volume XLIV, Immobilized Enzymes. New York: Academic Press	
	127	Csoregi et al., 1994. Design, characterization, and one-point in vivo calibration of a subcutaneously implanted glucose electrode. Anal Chem. 66(19):3131-3138	
	128	Danielsson et al. 1988. Enzyme thermistors, Methods in Enzymology, 137:181-197	
	129	Dassau et al., In silico evaluation platform for artifical pancreatic β-cell development-a dynamic simulator for closed loop control with hardware-in-the-loop, Diabetes Technology & Therapeutics, 11(3):1-8, 2009	
	130	Davis et al. 1983. Bioelectrochemical fuel cell and sensor based on a quinoprotein, alcohol dehydrogenase. Enzyme Microb. Technol., Vol. 5, September, 383-388	
	131	Direct 30/30® meter (Markwell Medical) (Catalog).	
	132	DuPont¹ Dimension AR® (Catalog), 1998	
	133	Durliat et al. 1976. Spectrophotometric and electrochemical determinations of L(+)-lactate in blood by use of lactate dehydrogenase from yeast, Clin. Chem. 22(11):1802-1805	
	134	Edwards Lifesciences. Accuracy for your and your patients. Marketing materials, 4 pp. 2002	
	135	El Degheidy et al. 1986. Optimization of an implantable coated wire glucose sensor. J. Biomed Eng. 8: 121-129	
	136	El-Khatib et al. 2007. Adaptive closed-loop control provides blood-glucose regulation using dual subcutaneous, insulin and glucagon infusion in diabetic swine, Journal of Diabetes Science and Technology, 1(2):181-192	
	137	Fabietti et al. 2007. Clinical validation of a new control-oriented model of insulin and glucose dynamcs in subjects with type 1 diabetes, Diabetes Technology & Therapeutics, 9(4):327-338	
	138	Fahy et al., An analysis: hyperglycemic intensive care patients need continuous glocuse monitoringeasier said than done, Journal of Diabetese Science and Technology, 2(2):201-204, March 2008	

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conform	nance with MPEP 609. Draw line through citation if

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

not in conformance and not considered. Include copy of this form with next communication to applicant.

(Multiple sheets used when necessary)
SHEET 7 OF 13

	PTO/SB/08 Equivalent
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

	NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	139	Fischer et al. 1987. Assessment of subcutaneous glucose concentration: validation of the wick technique as a reference for implanted electrochemical sensors in normal and diabetic dogs, Diabetologia 30:940-945	
	140	Fischer et al. 1989. Oxygen Tension at the Subcutaneous Implantation Site of Glucose Sensors. Biomed. Biochem 11/12:965-972	
	141	Fischer et al. 1995. Hypoglycaemia-warning by means of subcutaneous electrochemical glucose sensors: an animal study, Horm. Metab. Rese. 27:53	
	142	Freedman et al. 1991. Statistics, Second Edition, W.W. Norton & Company, p. 74	
	143	Frohnauer et al. 2001. Graphical human insulin time-activity profiles using standardized definitions. Diabetes Technology & Therapeutics 3(3):419-429	
	144	Gabbay et al. 2008. Optical coherence tomography-based continuous noninvasive glucose monitoring in patients with diabetes. Diab. Thechnol. & Therapeut., 10:188-193.	
	145	Ganesan et al., Gold layer-based dual crosslinking procedure of glucose oxidase with ferrocene monocarboxylic acid provides a stable biosensor, Analytical Biochemistry 343:188-191, 2005	
	146	Ganesh et al., Evaluation of the VIA® blood chemistry monitor for glucose in healthy and diabetic volunteers, Journal of Diabetese Science and Technology, 2(2):182-193, March 2008	
	147	Godsland et al. 2001. Maximizing the Success Rate of Minimal Model Insulin Sensitivity Measurement in Humans: The Importance of Basal Glucose Levels. The Biochemical Society and the Medical Research Society, 1-9	
	148	Gouda et al., July 4, 2003. Thermal inactiviation of glucose oxidase, The Journal of Biological Chemistry, 278(27):24324-24333	
	149	Gough et al. 2003. Frequency characterization of blood glucose dynamics. Annals of Biomedical Engineering 31:91-97	
	150	Hamilton Syringe Selection Guide. 2006. Syringe Selection. www.hamiltoncompany.com	
	151	Hashiguchi et al. (1994). "Development of a miniaturized glucose monitoring system by combining a needle-type glucose sensor with microdialysis sampling method: Long-term subcutaneous tissue glucose monitoring in ambulatory diabetic patients." Dabetes C	
	152	Hoel, Paul G. 1976. Elementary Statistics, Fourth Edition. John Wiley & Sons, Inc., pp. 113-114	
	153	http://www.merriam-webster.com/dictionary, definition for "aberrant," 8/19/2008, page 1	
	154	Huang et al. A 0.5mV passive telemetry IC for biomedical applications. Swiss Federal Institute of Technology. 4 pp.	
	155	Johnson (1991). "Reproducible electrodeposition of biomolecules for the fabrication of miniature electroenzymatic biosensors," Sensors and Actuators B, 5:85-89.	
	156	Kacaniklic May-June 1994. Electroanalysis, 6(5-6):381-390	

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conform	nance with MPEP 609.	Draw line through citation if

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

not in conformance and not considered. Include copy of this form with next communication to applicant.

(Multiple sheets used when necessary) SHEET 8 OF 13

	PTO/SB/08 Equivalen
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	157	Kaufman et al. 2001. A pilot study of the continuous glucose monitoring system. Diabetes Care 24(12):2030-2034	
	158	Keedy et al. 1991. Determination of urate in undiluted whole blood by enzyme electrode. Biosensors & Bioelectronics, 6: 491-499	
	159	Kerner et al. 1988. A potentially implantable enzyme electrode for amperometric measurement of glucose, Horm Metab Res Suppl. 20:8-13	
	160	Klueh et al. 2003. Use of Vascular Endothelia Cell Growth Factor Gene Transfer To Enhance Implantable Sensor Function in Vivo, Biosensor Function and Vegf-Gene Transfer, pp. 1072-1086	
	161	Ko, Wen H. 1985. Implantable Sensors for Closed-Loop Prosthetic Systems, Futura Pub. Co., Inc., Mt. Kisco, NY, Chapter 15:197-210	
	162	Kondo et al. 1982. A miniature glucose sensor, implantable in the blood stream. Diabetes Care. 5(3):218-221	
	163	Kost et al. 1985. Glucose-sensitive membranes containing glucose oxidase: activitiy, swelling, and permeability studies, Journal of Biomedical Materials Research 19:1117-1133	
	164	Koudelka et al. 1989. In vivo response of microfabricated glucose sensors to glycemia changes in normal rats. Biomed Biochim Acta 48(11-12):953-956	
	165	Koudelka et al. 1991. In-vivo behaviour of hypodermically implanted microfabricated glucose sensors. Biosensors & Bioelectronics 6:31-36	
	166	Kulys et al., 1994. Carbon-paste biosensors array for long-term glucose measurement, Biosensors& Beioelectronics, 9:491-500	
	167	Kunjan et al., Automated blood sampling and glocuse sensing in critical care settings, Journal of Diabetes Science and Technology 2(3):194-200, March 2008	
	168	Kurtz et al. 2005. Recommendations for blood pressure measurement in humans and experimental animals, Part 2: Blood pressure measurement in experimental animals, A statement for professionals from the subcommittee of professional and public education of	
	169	Ladd et al., Structure Determination by X-ray Crystallography, 3rd ed. Plenum, 1996, Ch. 1, pp. xxi- xxiv and 1-58	
	170	Lehmann et al. May 1994. Retrospective valication of a physiological model of glucose-iunsulin interaaction in tyhpe 1 diabetes mellitus, Med. Eng. Phys. 16:193-202	
	171	Lewandowski et al. 1988. Evaluation of a miniature blood glucose sensor. Trans Am Soc Artif Intern Organs 34:255-258	
	172	Linke et al. 1994. Amperometric biosensor for in vivo glucose sensing based on glucose oxidase immobilized in a redox hydrogel. Biosensors & Bioelectronics 9:151-158	
	173	Lowe, 1984. Biosensors, Trends in Biotechnology, 2(3):59-65	
	174	Luong et al. 2004. Solubilization of Multiwall Carbon Nanotubes by 3-Aminopropyltriethoxysilane Towards the Fabrication of Electrochemical Biosensors with Promoted Electron Transfer. Electronanalysis 16(1-2):132-139	

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Date Considered	
*F	 MDCD 600	Daniella attance de citation it

(Multiple sheets used when necessary)
SHEET 9 OF 13

	PTO/SB/08 Equivalent
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	175	Lyandres et al. (2008). Progress toward an in vivo surface-enhanced raman spectroscopy glucose sensor. Diabetes Technology & Therapeutics, 10(4): 257-265.	
	176	Marena et al. 1993. The artifical endocrine pancreas in clinical practice and research. Panminerva Medica 35(2):67-74	
	177	Mascini et al. 1989. Glucose electrochemical probe with extended linearity for whole blood. J Pharm Biomed Anal 7(12): 1507-1512	
	178	Matsumoto et al. 1998. A micro-planar amperometeric glucose sensor unsusceptible to interference species. Sensors and Actuators B 49:68-72	
	179	Matthews et al. 1988. An amperometric needle-type glucose sensor testing in rats and man. Diabetic Medicine 5:248-252	
	180	Mazze et al. 2008. Characterizing glucose exposure for individuals with normal glucose tolerance using continuous glucose monitoring and ambulatory glucose profile analysis. Diab. Thechnol. & Therapeut., 10:149-159.	
	181	Merriam-Webster Online Dictionary. Definition of "acceleration". http://www.merriam- webster.com/dictionary/Acceleration 1/11/2010	
	182	Merriam-Webster Online Dictionary. Definition of "system". http://www.merriam- webster.com/dictionary/System 1/11/2010	
	183	Merriam-Webster Online Dictionary. The term "nominal." http://www.m-w.com/dictionary/nominal	
	184	Meyerhoff et al. 1992. On line continuous monitoring of subcutaneous tissue glucose in men by combining portable glucosensor with microdialysis. Diabetologia 35:1087-1092	
	185	Moatti-Sirat et al. 1992. Evaluating in vitro and in vivo the interference of ascorbate and acetaminophen on glucose detection by a needle-type glucose sensor, Biosensors & Bioelectronics 7:345-352	
	186	Moatti-Sirat et al., Reduction of acetaminophen interference in glucose sensors by a composite Nafion membrane: demonstration in rats and man, Diabetologia 37(6):610-616, June 1994	
	187	Morff et al. 1990. Microfabrication of reproducible, economical, electroenzymatic glucose sensors, Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 12(2):0483- 0484	
	188	Mosbach et al. 1975. Determination of heat changes in the proximity of immobilized enzymes with an enzyme termistor and its use for the assay of metobolites, Biochim. Biophys. Acta. (Enzymology), 403:256-265	
	189	Motonaka et al. 1993. Determination of cholesteral and cholesteral ester with novel enzyme microsensors, Anal. Chem. 65:3258-3261	
	190	Muslu. 1991. Trickling filter performance. Apllied Biochemistry and Biotechnology 37:211-224	
	191	Nafion® 117 Solution Product Description, Product No. 70160, Sigma-Aldrich Corp., St. Louis, MO.	
	192	Oxford English Dictionary Online. Definition of "impending". http://www.askoxford.com/results/?view=dev dict&field-12668446 Impending&branch= 1/11/2010	

NON PATENT LITERATURE DOCUMENTS

Examiner	Sini	natur

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T1 - Place a check mark in this area when an English language Translation is attached.

(Multiple sheets used when necessary)
SHEET 10 OF 13

		PTO/SB/08 Equivalen
	Application No.	10/633,329
	Filing Date	August 1, 2003
	First Named Inventor	Paul V. Goode, Jr.
	Art Unit	3735
	Examiner	Nasser, Robert L.
Т	Attorney Docket No.	DEXCOM.026A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title o		T <sup>1</sup>	
	193	Peacock et al. 2008. Cardiac troponin and outcome in acute heart failure. N. Engl. J. Med., 358: 2117-2126.	
	194	Pfeiffer, E.F. 1990. The glucose sensor: the missing link in diabetes therapy, Horm Metab Res Suppl. 24:154-164	
	195	Pfeiffer et al. 1992. On line continuous monitoring of subcutaneous tissue glucose is feasible by combining portable glucosensor with microdialysis. Horm. Metab. Res. 25:121-124	
	196	Pickup et al. 1989. Potentially-implantable, amperometric glucose sensors with mediated electron transfer: improving the operating stability. Biosensors 4:109-119	
	197	Pickup et al. 1993. Developing glucose sensors for in vivo use. Elsevier Science Publishers Ltd (UK), TIBTECH Vol. 11: 285-291	
	198	Pinner et al., Cross-linking of cellulose acetate by ionizing radiation, Nature, Vol. 184, 1303-1304, October 24, 1959	
Poitout et al. 1994. Development of a glucose sensor for glucose monitoring in man: the disposable implant concept. Clinical Materials 15:241-246			
Quinn et al. 1995. Kinetics of glucose delivery to subcutaneous tissue in rats measured with 0.3-mm amperometric microsensors. The American Physiological Society E155-E161			
	201	Rabah et al., 1991. Electrochemical wear of graphite anodes during electrolysis of brine, Carbon, 29(2):165-171	
	202	Reach, G. 2001. Which threshold to detect hypoglycemia? Value of receiver-operator curve analysis to find a compromise between sensitivity and specificity. Diabetes Care 24(5):803-804	
	203	Rebrin et al. 1992. Subcutaenous glucose monitoring by means of electrochemical sensors: fiction or reality? J. Biomed. Eng. 14:33-40	
	204	Reusch. 2004. Chemical Reactivity. Organometallic Compounds. Virtual Textbook of Organic Chem. Pp.1-16, http://www.cem.msu.edu/~reusch/VirtualText/orgmetal.htm	
	205	Rigla et al. 2008. Real-time continuous glucose monitoring together with telemedical assitance improves glycemic control and glucose stability in pump-treated patients. Diab. Thechnol. & Therapeut., 10:194-199.	
	206	Rivers et al., Central venous oxygen saturation monitoring in the critically ill patient, Current Opinion in Critical Care, 7:204-211, 2001	
	207	Sakakida et al. 1992. Development of Ferrocene-Mediated Needle-Type Glucose Sensor as a Measure of True Subcutaneous Tissue Glucose Concentrations. Artif. Organs Today 2(2):145-158	
	208	Salardi et al. 2002. The glucose area under the profiles obtained with continuous glucose monitoring system relationships with HbA1c in pediatric type 1 diabetic patients. Diabetes Care 25(10):1840-1844	
	209	San Diego Plastics, Inc. 2009. Polyethylene Data Sheet, http://www.sdplastics.com/polyeth.html	
	210	Schmidtke et al., Measurement and modeling of the transient difference between blood and subcutaneous glucose concentrations in the rat after injection of insulin. <i>Proc Natl Acad Sci U S A</i> 1998, 95, 294-299	

NON DATENT LITEDATURE DOCUMENTS

Examiner Signature

Date Considered

(Multiple sheets used when necessary) Examiner
SHEET 11 OF 13 Attorney Dock

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	211	Schoonen et al. 1990 Development of a potentially wearable glucose sensor for patients with diabetes mellitus: design and in-vitro evaluation. Biosensors & Bioelectronics 5:37-46	
	212	Service et al. 1987. Measurements of glucose control. Diabetes Care, 10: 225-237.	
	213	Sharkawy et al. 1996. Engineering the tissue which encapsulates subcutaneous implants. I. Diffusion properties, J Biomed Mater Res, 37:401-412	
	214	Shichiri et al. 1983. Glycaemic Control in Pancreatectomized Dogs with a Wearable Artificial Endocrine Pancreas. Diabetologia 24:179-184	
	215	Slater-Maclean et al. 2008. Accuracy of glycemic measurements in the critically ill. Diab. Thechnol. & Therapeut., 10:169-177.	
	216	Stern et al., 1957. Electrochemical polarization: 1. A theoretical analysis of the shape of polarization curves, Journal of the Electrochemical Society, 104(1):56-63	
	217	Sumino T. et al. 1998. Preliminary study of continuous glucose monitoring with a microdialysis technique. Proceedings of the IEEE, 20(4):1775-1778	
	218	Takegami et al. 1992. Pervaporation of ethanol water mixtures using novel hydrophobic membranes containing polydimethylsiloxane, Journal of Membrance Science, 75(93-105)	
	219	cholesteral and uric acid, Analytica Chimica Acta, 242:85-89	
		Thome et al. 1995Abstract - Can the decrease in subcutaneous glucose concentration precede the decrease in blood glucose level? Proposition for a push-pull kinetics hypothesis, Horm. Metab. Res. 27:53	
	221	Thomé-Duret et al. 1996. Modification of the sensitivity of glucose sensor implanted into subcutaneous tissue. Diabetes Metabolism, 22:174-178.	
	222	Torjman et al., Glucose monitoring in acute care: technologies on the horizon, Journal of Deabetes Science and Technology, 2(2):178-181, March 2008	
	223	Biotechnol. Bloeng. 29:705-713	
	224	Turner et al. 1984. Carbon Monoxide: Acceptor Oxidoreductase from Pseudomonas Thermocarboxydovorans Strain C2 and its use in a Carbon Monoxide Sensor. Analytica Chimica Acta, 163: 161-174	
	225	Unger et al. 2004. Glucose control in the hospitalized patient. Emerg Med 36(9):12-18	
	226	Updike et al. 1988. Laboratory Evaluation of New Reusable Blood Glucose Sensor. Diabetes Care, 11:801-807.	
	227	Utah Medical Products Inc., Blood Pressure Tranducers product specifications. 6 pp. 2003-2006, 2003	
	228	Vadgama, P. November 1981. Enzyme electrodes as practical biosensors. Journal of Medical Engineering & Technology 5(6):293-298	

NON PATENT LITERATURE DOCUMENTS

Examiner Signature

Date Considered

(Multiple sheets used when necessary)
SHEET 12 OF 13

	PTO/SB/08 Equivalent
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.			
	229	Vadgama. 1988. Diffusion limited enzyme electrodes. NATO ASI Series: Series C, Math and Phys. Sci. 226:359-377		
	230	Van den Berghe 2004. Tight blood glucose control with insulin in "real-life" intensive care. Mayo Clin Proc 79(8):977-978		
	231	Wikipedia 2006. "Intravenous therapy," http://en.wikipedia.org/wiki/Intravenous_therapy, August 15, 2006, 6 pp.		
	232	Wiley Electrical and Electronics Engineering Dictionary. 2004. John Wiley & Sons, Inc. pp. 141, 142, 548, 549		
	233	Wilkins et al. 1988. The coated wire electrode glucose sensor, Horm Metab Res Suppl., 20:50-55		
	234	Woodward. 1982. How Fibroblasts and Giant Cells Encapsulate Implants: Considerations in Design of Glucose Sensor. Diabetes Care 5:278-281		
	235	Worsley et al., Measurement of glucose in blood with a phenylboronic acid optical sensor, Journal of Diabetes Science and Technology, 2(2):213-220, March 2008		
	236	Wright et al., Bioelectrochemical dehalogenations via direct electrochemistry of poly(ethylene oxide)- modified myoglobin, Electrochemistry Communications 1 (1999) 603-611		
	237	Yamasaki, Yoshimitsu. September 1984. The development of a needle-type glucose sensor for wearable artificial endocrine pancreas. Medical Journal of Osaka University 35(1-2):25-34		
	238	Yamasaki et al. 1989. Direct measurement of whole blood glucose by a needle-type sensor. Clinica Chimica Acta. 93:93-98		
	239	Yang et al (1996). "A glucose biosensor based on an oxygen electrode: In-vitro performances in a model buffer solution and in blood plasma," Biomedical Instrumentation & Technology, 30:55-61.		
	240	Yang, et al. 2004. A Comparison of Physical Properties and Fuel Cell Performance of Nation and Zirconium Phosphate/Nation Composite Membranes. Journal Of Membrane Science 237:145-161		
	241	Ye et al. 1993. High Current Density 'Wired' Quinoprotein Glucose Dehydrogenase Electrode. Anal. Chem. 65:238-241		
	242	Zamzow et al. Development and evaluation of a wearable blood glucose monitor. pp. M588-M591, 1990		
	243	Zethelius et al. 2008. Use of multiple biomarkers to improve the prediction of death from cardiovascular causes. N. Engl. J. Med., 358: 2107-2116.		
	244	Zhang et al (1993). Electrochemical oxidation of H <sub>2</sub> O <sub>2</sub> on Pt and Pt + Ir electrodes in physiological buffer and its applicability to H <sub>2</sub> O <sub>2</sub> -based biosensors. <i>J. Electroanal. Chem.</i> , 345:253-271.		
	245	Zhang et al. 1993. In vitro and in vivo evaluation of oxygen effects on a glucose oxidase based implantable glucose sensor. Analytica Chimica Acta, 281:513-520		
	246	Zhu et al. (1994). "Fabrication and characterization of glucose sensors based on a microarray H <sub>2</sub> O <sub>2</sub> electrode." <i>Biosensors &amp; Bioelectronics</i> , 9: 295-300.		
	247	Office Action dated July 30, 2009 in U.S. 12/102,654, Docket No. DEXCOM.016DV1		
	_	ı l		

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	er Signatur	•
--------------------	-------------	---

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Multiple sheets used when necessary)

SHEET 13 OF 13

	PTO/SB/08 Equivalent
Application No.	10/633,329
Filing Date	August 1, 2003
First Named Inventor	Paul V. Goode, Jr.
Art Unit	3735
Examiner	Nasser, Robert L.
Attorney Docket No.	DEXCOM.026A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>1</sup>
	248	Office Action dated November 9, 2009 in U.S. 11/038,340, Docket No. DEXCOM.024C1	
	249	Office Action mailed June 5, 2008 in U.S. App. No. 10/838,909 Docket No. DEXCOM.044A	
	250	Office Action mailed March 16, 2009 in U.S. App. No. 10/838,909, Docket No. DEXCOM.044A	
	251	Office Action dated August 25, 2009 in U.S. 11/334,876, Docket No. DEXCOM.061CP2	
	252	Office Action dated October 29, 2009 in U.S. 11/360,819, Docket No. DEXCOM.061CP4	

8683788 030910

Examiner Signature	/robert I. nasser jr/	Date Considered	4/22/2010